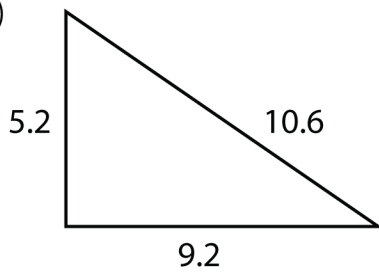


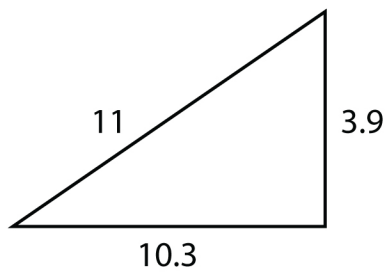
The Pythagorean Theorem - Worksheet

Do the following lengths form a right triangle?

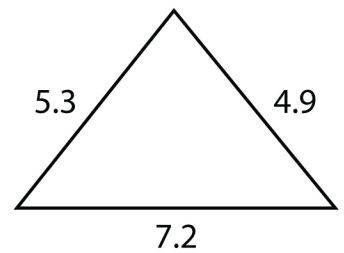
1)



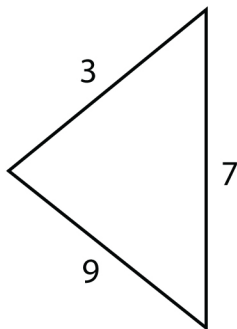
2)



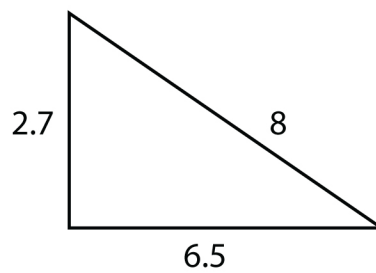
3)



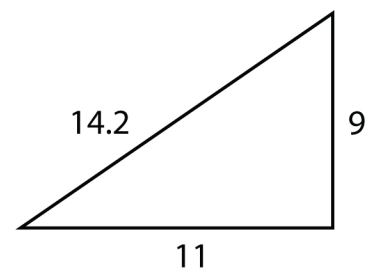
4)



5)



6)



Find the length of 'c' when 'a' and 'b' are given for the right triangles.

7) $a = 13$, $b = 84$, $c =$ _____

8) $a = 5$, $b = 8$, $c =$ _____

9) $a = 18$, $b = 24$, $c =$ _____

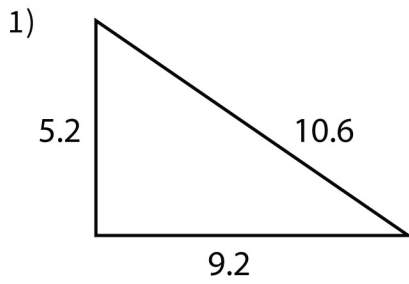
10) $a = 3$, $b = 4$, $c =$ _____

11) $a = 3$, $b = 6$, $c =$ _____

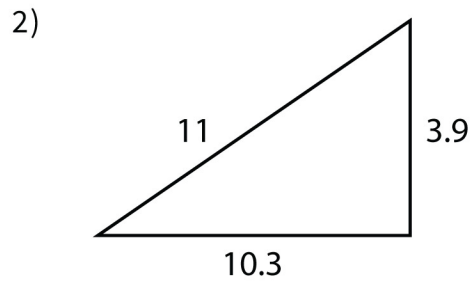
12) $a = 4$, $b = 11.31$, $c =$ _____

The Pythagorean Theorem - Worksheet

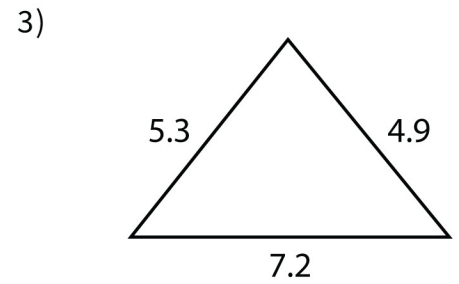
Answers



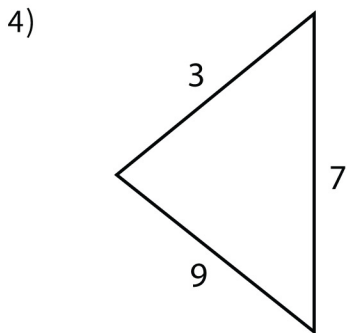
Yes



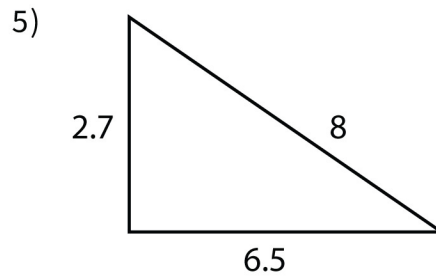
Yes



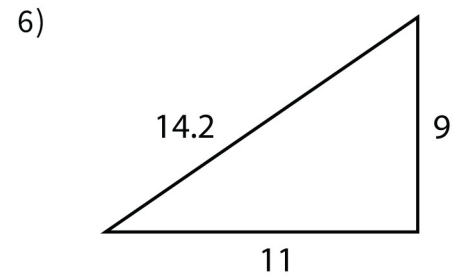
Yes



No



No



Yes

7) $a = 13, b = 84, c = \underline{85}$

8) $a = 5, b = 8, c = \underline{9.4}$

9) $a = 18, b = 24, c = \underline{30}$

10) $a = 3, b = 4, c = \underline{5}$

11) $a = 3, b = 6, c = \underline{6.7}$

12) $a = 4, b = 11.31, c = \underline{12}$